

**REMARKS**

Claims 3-8 and 10-14 are pending. By this Amendment, Claims 10-14 are added and Claim 3 is amended. Applicants respectfully submit no new matter is presented herein.

**Claims 3-8 and 10-14 Recite Patentable Subject Matter**

Claims 3-8 are rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent Number 6,477,705 to Yuen et al. (hereinafter "Yuen") in view of U.S. Patent Number 5,434,625 to Willis. Applicants respectfully traverse the rejection.

According to the present invention, a digital television broadcast signal is received by a receiver. A first extractor and a second extractor respectively extract broadcast video data and additional information data which are contained in the received digital television broadcast signal. Furthermore, an additional information video data outputter outputs additional video data based on the additional information data.

A first selector receives at least the broadcast video data and the additional information video data so as to output first video data, and a second selector receives at least the broadcast video data and the additional information video data so as to output second video data.

The first video data is compressed by a first video compressor, and therefore, a first compression video signal is outputted. Furthermore, the second video data is compressed by a second video compressor, and therefore, a second compression video signal is outputted. The first compression video signal and the second compression video signal are composited with each other by a video compositor. A monitor displays video pictures based upon an output of the video compositor.

Herein, each of the first video data and the second video data is video data sampled by a clock rate corresponding to a first frequency. In the first video compressor, a first memory controller writes the first video data into a first memory by a clock rate corresponding to a second frequency which is lower than the first frequency, and reads the first video data from the first memory by a clock rate corresponding to the first frequency. A first D/A converter subjects the first video data read out by the first memory controller to a D/A conversion process by a clock rate corresponding to the first frequency so as to output the first compression video signal.

In the second video compressor, a second memory controller writes the second video data into a second memory by a clock rate corresponding to the first frequency, and reads the second video data from the second memory by a clock rate corresponding to a third frequency which is higher than the first frequency. A second D/A converter subjects the second video data read out by the second memory controller to a D/A conversion process by a clock rate corresponding to the third frequency so as to output the second compression video signal.

Thus, a compression manner of the first image data is wholly different from a compression manner of the second image data. Consequently, it is possible to carry out a suitable compression process taking notice of a difference of a characteristic between the broadcast video data and the additional information video data, and therefore, a quality of the video pictures displayed on the monitor is improved.

Yuen discloses a television having a PIP format for display of program related information such as television program listings from a program schedule data base in the background and moving, real time images of a program selected from the displayed listings in the PIP window. All the text of the background information lies outside the PIP

window. As the viewer of Yuen selects a particular program from the display of current television program listings by means of a cursor or a code number, the corresponding program automatically appears in the PIP window.

The Office Action admits Yuen does not teach or suggest a first selector for receiving at least the digital video data and the additional information video data and outputting first video data; a second selector for receiving at least the digital video data and the additional information video data and outputting second video data; a first video compressor for compressing the first video data according to a first compression ratio and outputting a first video data compression video signal; and a second video compressor for compressing the second video data according to a second compression ratio and outputting a second video data compression video signal; and a second video compositor for compositing the first video data compression video signal and second video data compression video signal according to a second window signal.

The Office Action applies Willis for teaching the structure, which the Office Action admits is missing from Yuen, is very well known in the art of compositing or combining video signals. However, Applicants respectfully submit Willis teaches manipulating or compressing first and second display format ratios so there is no image aspect ratio distortion on the wide screen television of the side-by-side pictures. Applicants respectfully submit that one of ordinary skill in the art would readily understand the differences between compressing or otherwise manipulating aspect ratios of video pictures or images and compressing video data information. As such, Applicants respectfully submit Willis does not overcome the above-noted deficiencies in the teachings of Yuen. Therefore, Applicants respectfully submit Yuen and Willis, alone or in combination, do not teach or suggest each and every feature of Claim 3.

To establish *prima facie* obviousness, each and every feature of a rejected claim must be taught or at least suggested by the applied art of record. As explained above, Yuen and Willis, alone or in combination, do not teach or suggest each and every feature of Claim 3 because neither reference teaches or suggests a first selector for receiving at least the digital video data and the additional information video data and outputting first video data; a second selector for receiving at least the digital video data and the additional information video data and outputting second video data; a first video compressor for compressing the first video data according to a first compression ratio and outputting a first video data compression video signal; and a second video compressor for compressing the second video data according to a second compression ratio and outputting a second video data compression video signal; and a second video compositor for compositing the first video data compression video signal and second video data compression video signal according to a second window signal. Accordingly, Applicants respectfully submit claim 3 is not rendered obvious in view of the teachings of Yuen and Willis and should be deemed allowable.

Claims 4-8 depend from Claim 3. It is respectfully submitted that these dependent claims are allowable for the same reasons Claim 3 is allowable as well as for the additional subject matter recited therein. Applicants respectfully request withdrawal of the rejection.

Furthermore, Applicants respectfully submit that Claims 10-14 are allowable for at least the same reasons Claims 3-8 are allowable.

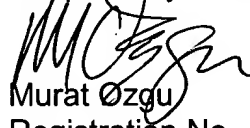
### **Conclusion**

In view of the foregoing, reconsideration of the application, withdrawal of the outstanding rejection, allowance of Claims 3-8 and 10-14, and the prompt issuance of a Notice of Allowability are respectfully solicited.

Should the Examiner believe anything further is desirable in order to place this application in better condition for allowance, the Examiner is requested to contact the undersigned at the telephone number listed below.

In the event this paper is not considered to be timely filed, the Applicants respectfully petition for an appropriate extension of time. Any fees for such an extension, together with any additional fees that may be due with respect to this paper, may be charged to Counsel's Deposit Account No. 01-2300, **referencing Attorney Dkt. No. 100341-09004.**

Respectfully submitted,



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